Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053060.D
Acq On : 6 Apr 2022 18:26
Operator : CG/JU
Sample : N2257-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 04:10:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.131	152	33968	20.000	ng		0.00
21) Naphthalene-d8	10.945	136	136878	20.000	ng		0.00
39) Acenaphthene-d10	14.752	164	97763	20.000	ng		0.00
64) Phenanthrene-d10	17.495	188	201608	20.000	ng		0.00
76) Chrysene-d12	21.783	240	195680	20.000	ng	#	0.00
86) Perylene-d12	25.091	264	207672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	196625	100.808	ng		0.00
7) Phenol-d6	7.291	99	296855	100.952	ng		0.00
23) Nitrobenzene-d5	9.289	82	205013	75.174	ng		0.00
42) 2,4,6-Tribromophenol	16.238	330	141737	107.894	ng		0.00
45) 2-Fluorobiphenyl	13.377	172	426736	64.377	ng		0.00
79) Terphenyl-d14	20.097	244	661527	60.137	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	33341	34.172	ng	#	91
3) Pyridine	3.972	79	92151	36.844	ng	#	90
4) n-Nitrosodimethylamine	3.884	42	55707	50.207	ng	#	85
6) Aniline	7.450	93	79701	23.116	ng		97
8) 2-Chlorophenol	7.697	128	106612	52.019	ng		93
9) Benzaldehyde	7.256	77	63070	38.640	ng		94
10) Phenol	7.321	94	146551	50.487	ng		90
11) bis(2-Chloroethyl)ether	7.538	93	100478	45.837	ng		92
12) 1,3-Dichlorobenzene	8.020	146	113520	46.004	ng	#	94
13) 1,4-Dichlorobenzene	8.167	146	115610	46.630	ng		99
14) 1,2-Dichlorobenzene	8.484	146	111858	47.704	ng		98
15) Benzyl Alcohol	8.360	79	123227	49.769	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.654	45	161069	42.193	ng		98
17) 2-Methylphenol	8.572	107	99371	51.352	ng		94
18) Hexachloroethane	9.218	117	42871	47.129	ng		93
19) n-Nitroso-di-n-propyla...	8.930	70	95293	45.755	ng	#	95
20) 3+4-Methylphenols	8.901	107	135009	49.854	ng		92
22) Acetophenone	8.948	105	166199	46.920	ng	#	94
24) Nitrobenzene	9.330	77	145964	53.491	ng		90
25) Isophorone	9.858	82	258538	48.959	ng	#	98
26) 2-Nitrophenol	10.046	139	62657	66.122	ng	#	86
27) 2,4-Dimethylphenol	10.105	122	104446	53.876	ng		95
28) bis(2-Chloroethoxy)met...	10.334	93	138754	44.438	ng		97
29) 2,4-Dichlorophenol	10.587	162	115858	53.111	ng		100
30) 1,2,4-Trichlorobenzene	10.804	180	126585	49.190	ng		99
31) Naphthalene	10.992	128	337027	47.615	ng		99
32) Benzoic acid	10.258	122	74434	51.267	ng		90
33) 4-Chloroaniline	11.092	127	44686	14.895	ng		96
34) Hexachlorobutadiene	11.280	225	89940	48.747	ng		99
35) Caprolactam	11.873	113	37252m	62.540	ng		
36) 4-Chloro-3-methylphenol	12.214	107	129606	51.164	ng		99
37) 2-Methylnaphthalene	12.590	142	244204	47.111	ng		96
38) 1-Methylnaphthalene	12.807	142	232742	46.005	ng	#	91
40) 1,2,4,5-Tetrachloroben...	12.954	216	154409	50.554	ng		99
41) Hexachlorocyclopentadiene	12.937	237	153623	84.853	ng		92
43) 2,4,6-Trichlorophenol	13.189	196	108339	55.389	ng		96

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Sample : N2257-07MSD
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.266	196	119343	60.113	ng		95
46) 1,1'-Biphenyl	13.589	154	326390	47.739	ng		99
47) 2-Chloronaphthalene	13.630	162	261042	48.483	ng		96
48) 2-Nitroaniline	13.829	65	98783	67.085	ng		93
49) Acenaphthylene	14.476	152	440593	51.334	ng		99
50) Dimethylphthalate	14.200	163	328430	45.202	ng		100
51) 2,6-Dinitrotoluene	14.317	165	73962	60.291	ng	#	74
52) Acenaphthene	14.816	154	290405m	52.815	ng		
53) 3-Nitroaniline	14.646	138	49078	34.189	ng		92
54) 2,4-Dinitrophenol	14.852	184	59523	89.015	ng	#	81
55) Dibenzofuran	15.145	168	414244	46.133	ng		96
56) 4-Nitrophenol	14.963	139	121881	104.087	ng	#	76
57) 2,4-Dinitrotoluene	15.104	165	102707	60.341	ng	#	86
58) Fluorene	15.797	166	333487	45.561	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.374	232	105168	49.560	ng	#	98
60) Diethylphthalate	15.557	149	336553	43.881	ng		98
61) 4-Chlorophenyl-phenyle...	15.786	204	180653	44.753	ng		98
62) 4-Nitroaniline	15.809	138	59599	39.293	ng	#	61
63) Azobenzene	16.073	77	347515	42.393	ng		95
65) 4,6-Dinitro-2-methylph...	15.868	198	41877	46.592	ng		89
66) n-Nitrosodiphenylamine	15.997	169	292019	51.449	ng		97
67) 4-Bromophenyl-phenylether	16.679	248	124272	51.127	ng		97
68) Hexachlorobenzene	16.808	284	131510	50.336	ng		97
69) Atrazine	16.943	200	115823	55.341	ng		97
70) Pentachlorophenol	17.149	266	159079	98.146	ng		95
71) Phenanthrene	17.542	178	744633	69.040	ng		99
72) Anthracene	17.630	178	554646	52.020	ng		98
73) Carbazole	17.895	167	481408	45.589	ng		99
74) Di-n-butylphthalate	18.447	149	514085	44.564	ng		98
75) Fluoranthene	19.545	202	1074180	78.460	ng		97
77) Benzidine	19.716	184	46761	9.265	ng		98
78) Pyrene	19.909	202	1057363	77.898	ng		99
80) Butylbenzylphthalate	20.779	149	219364	45.559	ng		95
81) Benzo(a)anthracene	21.766	228	843194	64.351	ng		97
82) 3,3'-Dichlorobenzidine	21.666	252	83587	18.065	ng		98
83) Chrysene	21.830	228	805427	65.385	ng		98
84) Bis(2-ethylhexyl)phtha...	21.654	149	314570	48.040	ng		97
85) Di-n-octyl phthalate	22.894	149	531245	48.734	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.886	276	894342	62.917	ng	#	95
88) Benzo(b)fluoranthene	24.045	252	961690m	74.581	ng		
89) Benzo(k)fluoranthene	24.110	252	708774	55.868	ng		96
90) Benzo(a)pyrene	24.944	252	840307	76.988	ng	#	99
91) Dibenzo(a,h)anthracene	28.944	278	651736	55.643	ng		99
92) Benzo(g,h,i)perylene	30.084	276	799120	68.955	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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